

FIG.2

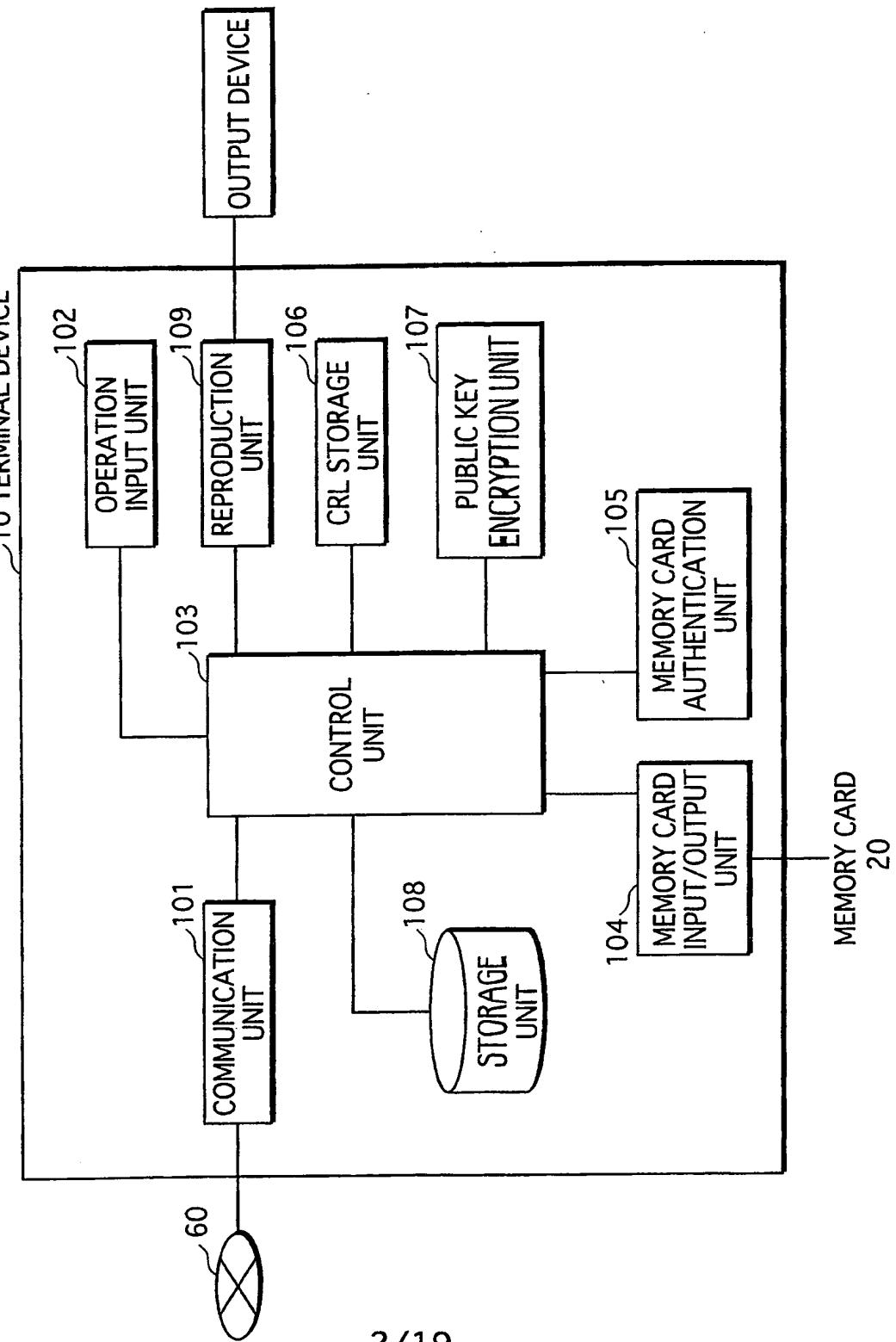


FIG.3A

120 PASSWORD TABLE

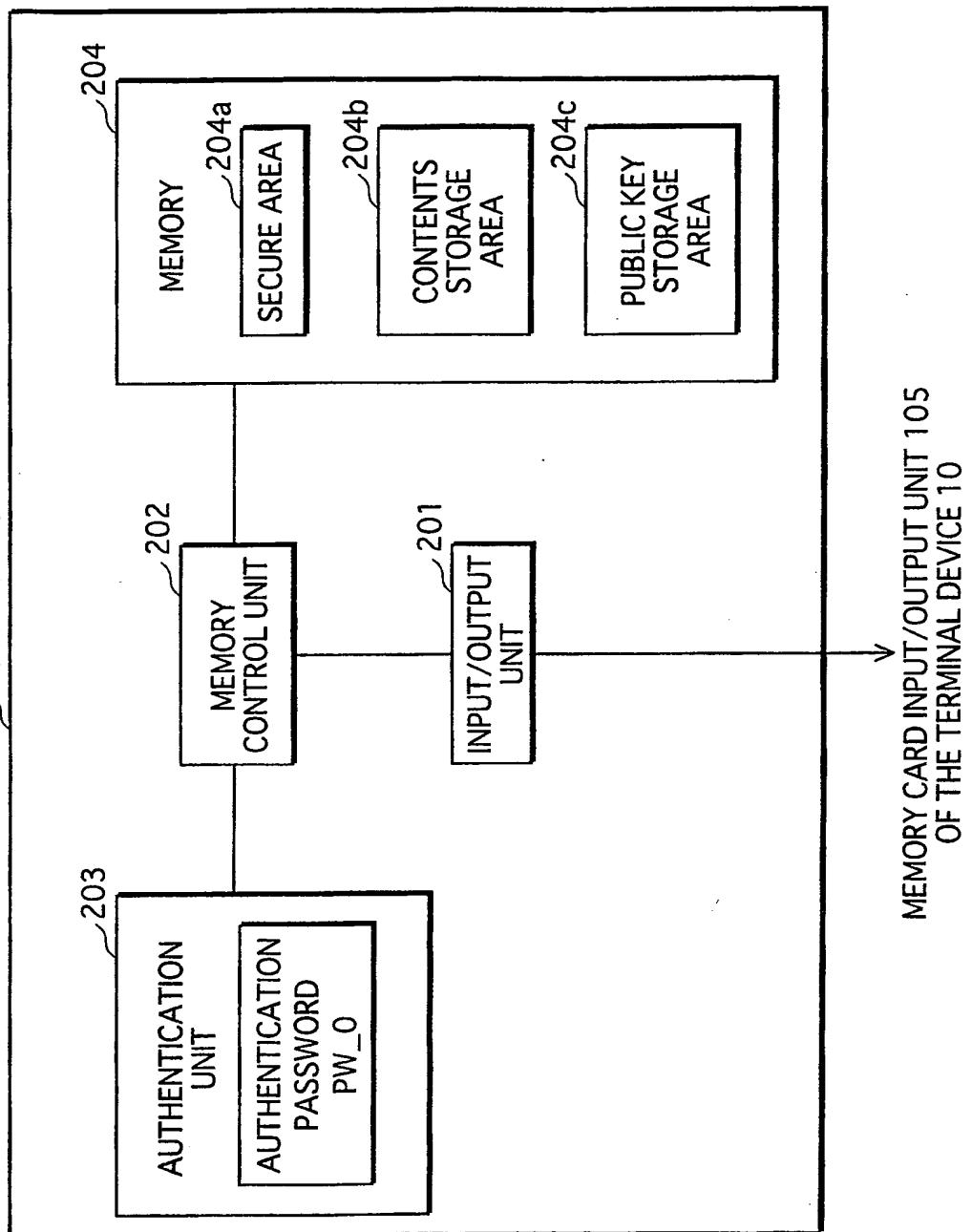
MEMORY CARD NUMBER	AUTHENTICATION PASSWORD
20	PW_0
21	PW_1
:	:

FIG.3B

130 CRL

IDS OF INVALIDATED DEVICES
ID_0012
ID_0058
ID_0379
:

FIG.4
20 MEMORY CARD



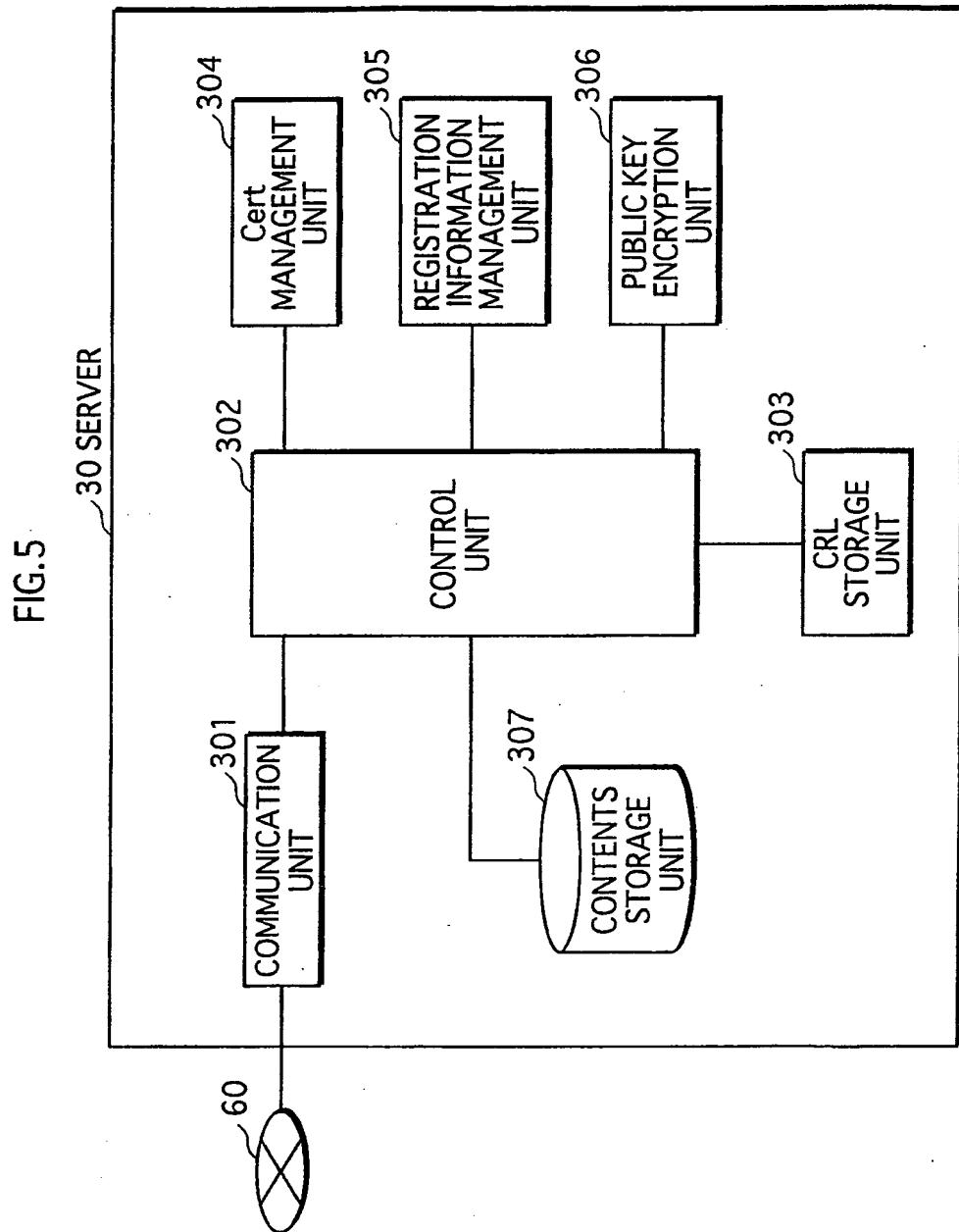


FIG.6

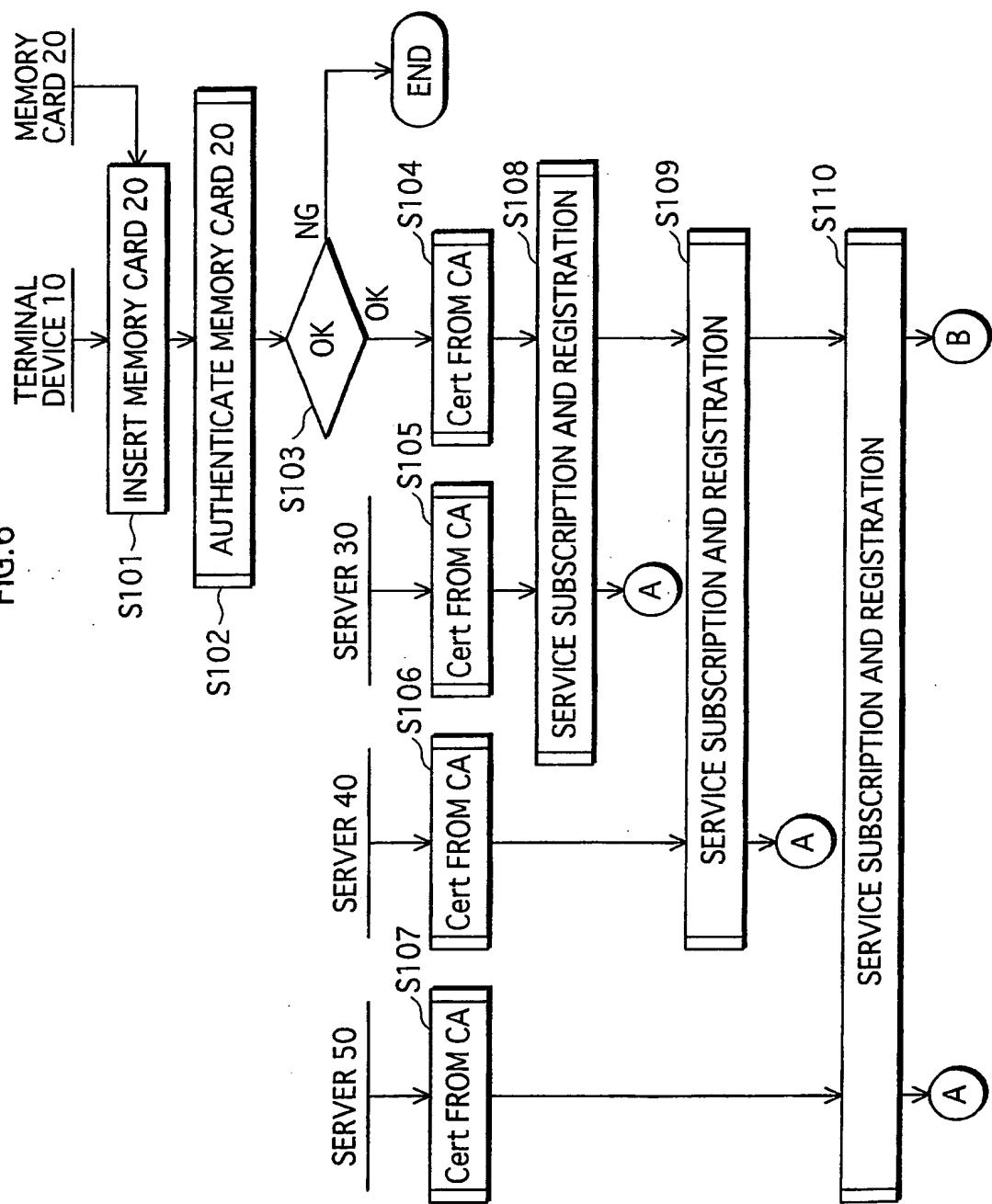


FIG.7

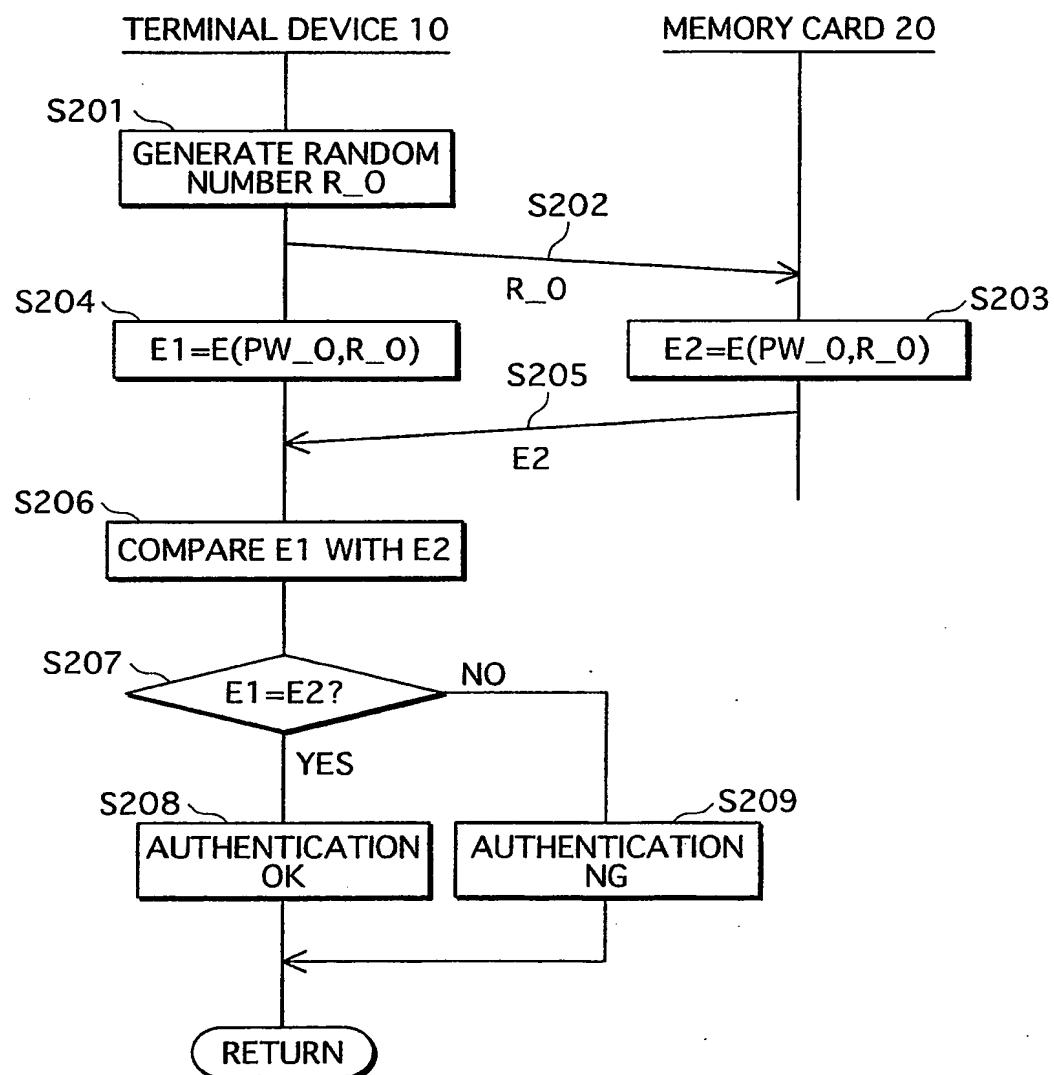


FIG.8

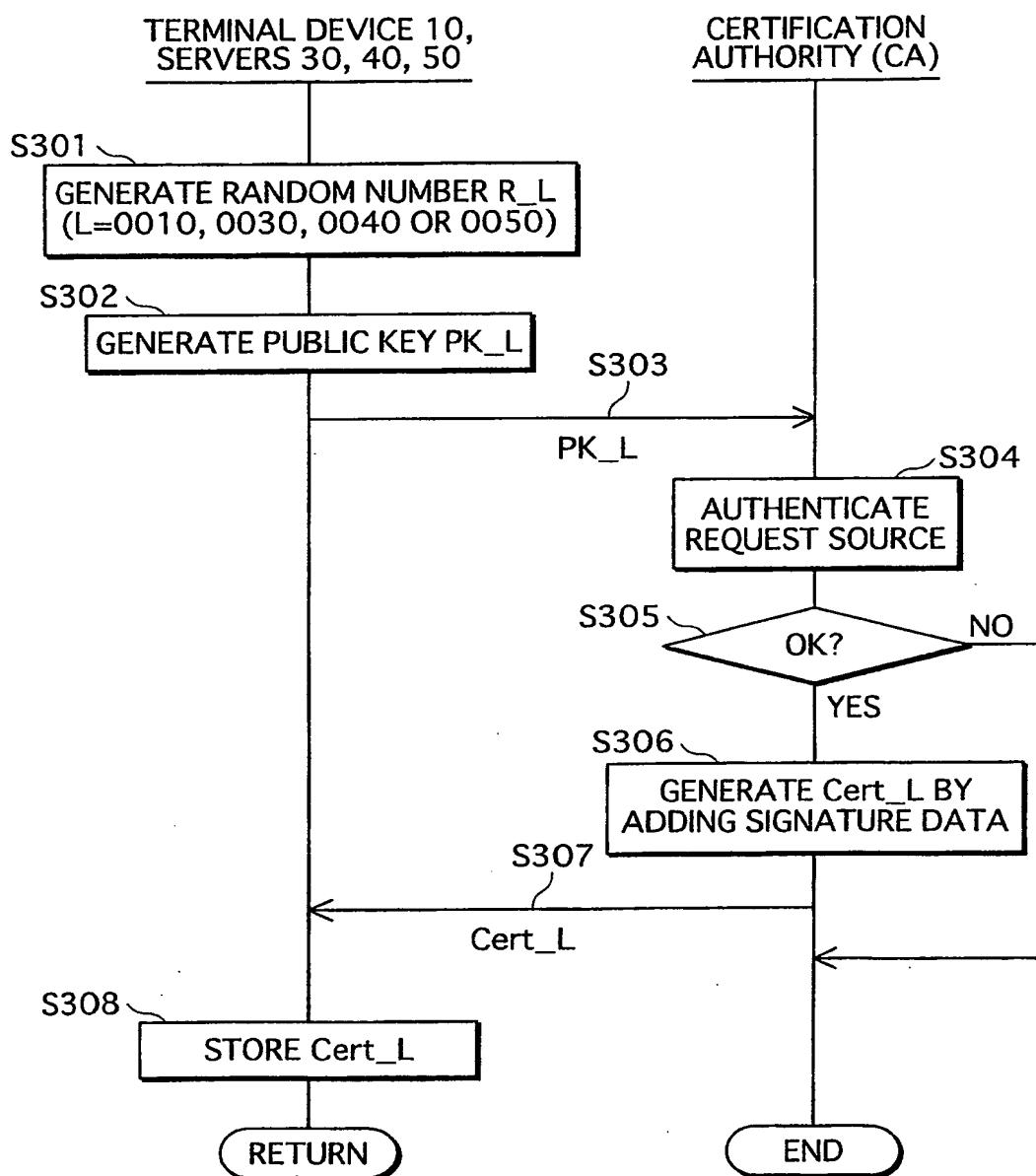


FIG.9A PUBLIC KEY CERTIFICATION OF TERMINAL DEVICE 10 ISSUED BY CA

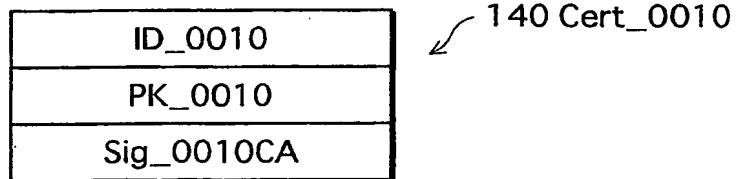


FIG.9B PUBLIC KEY CERTIFICATION OF SERVER 30 ISSUED BY CA

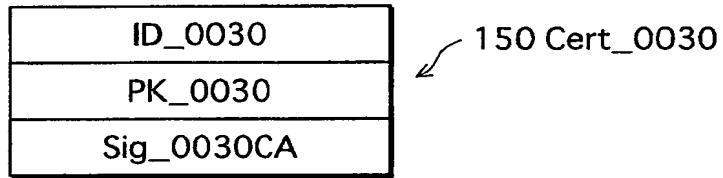


FIG.9C PUBLIC KEY CERTIFICATION OF SERVER 40 ISSUED BY CA

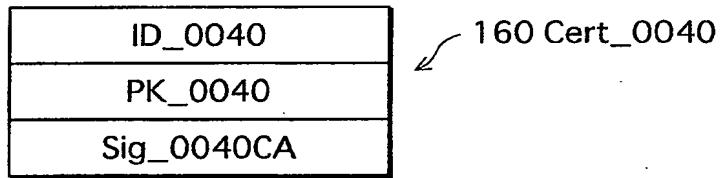


FIG.9D PUBLIC KEY CERTIFICATION OF SERVER 50 ISSUED BY CA

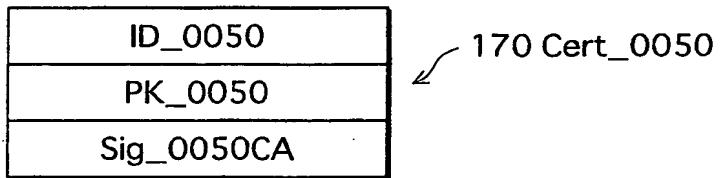


FIG.10

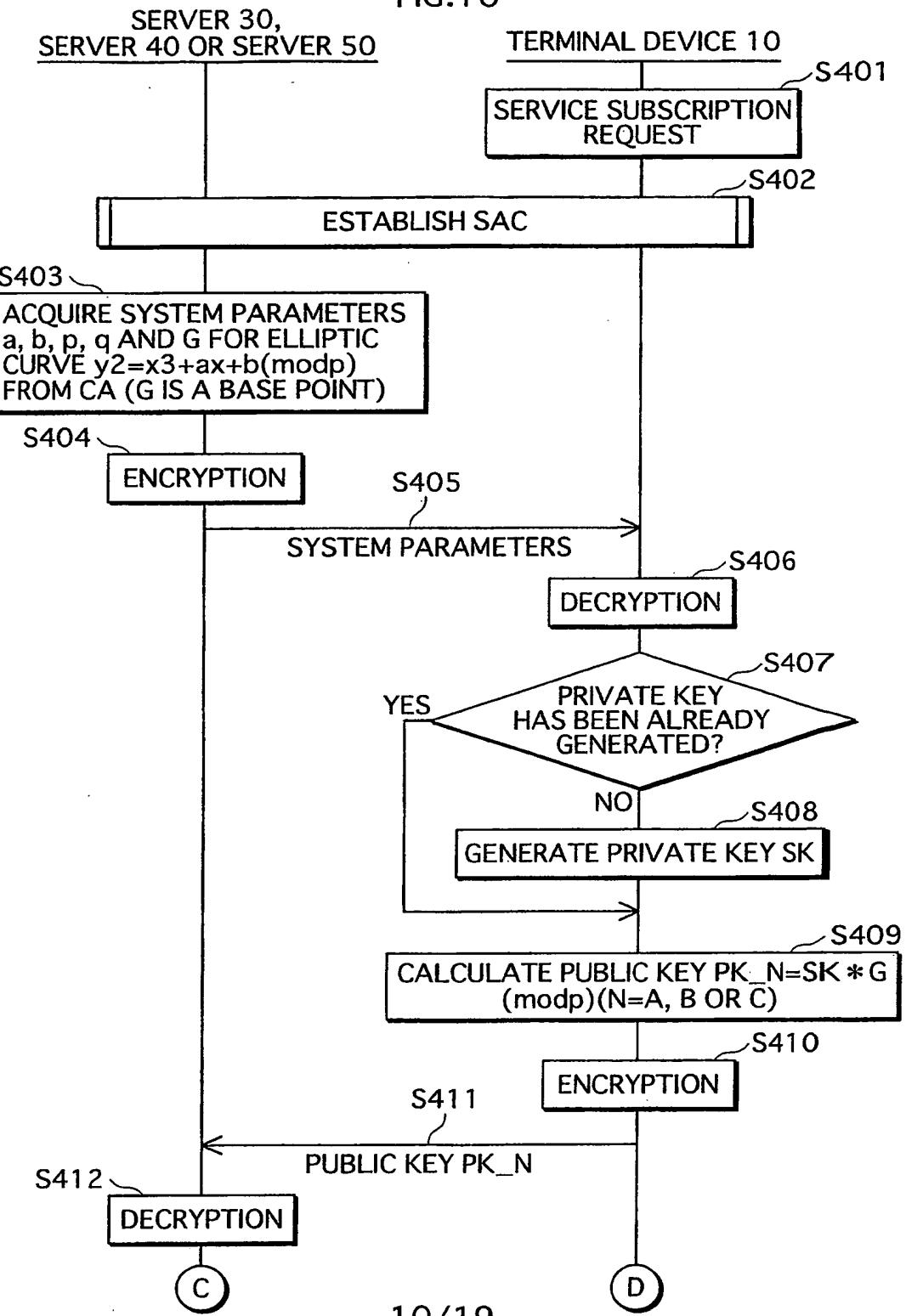


FIG. 11

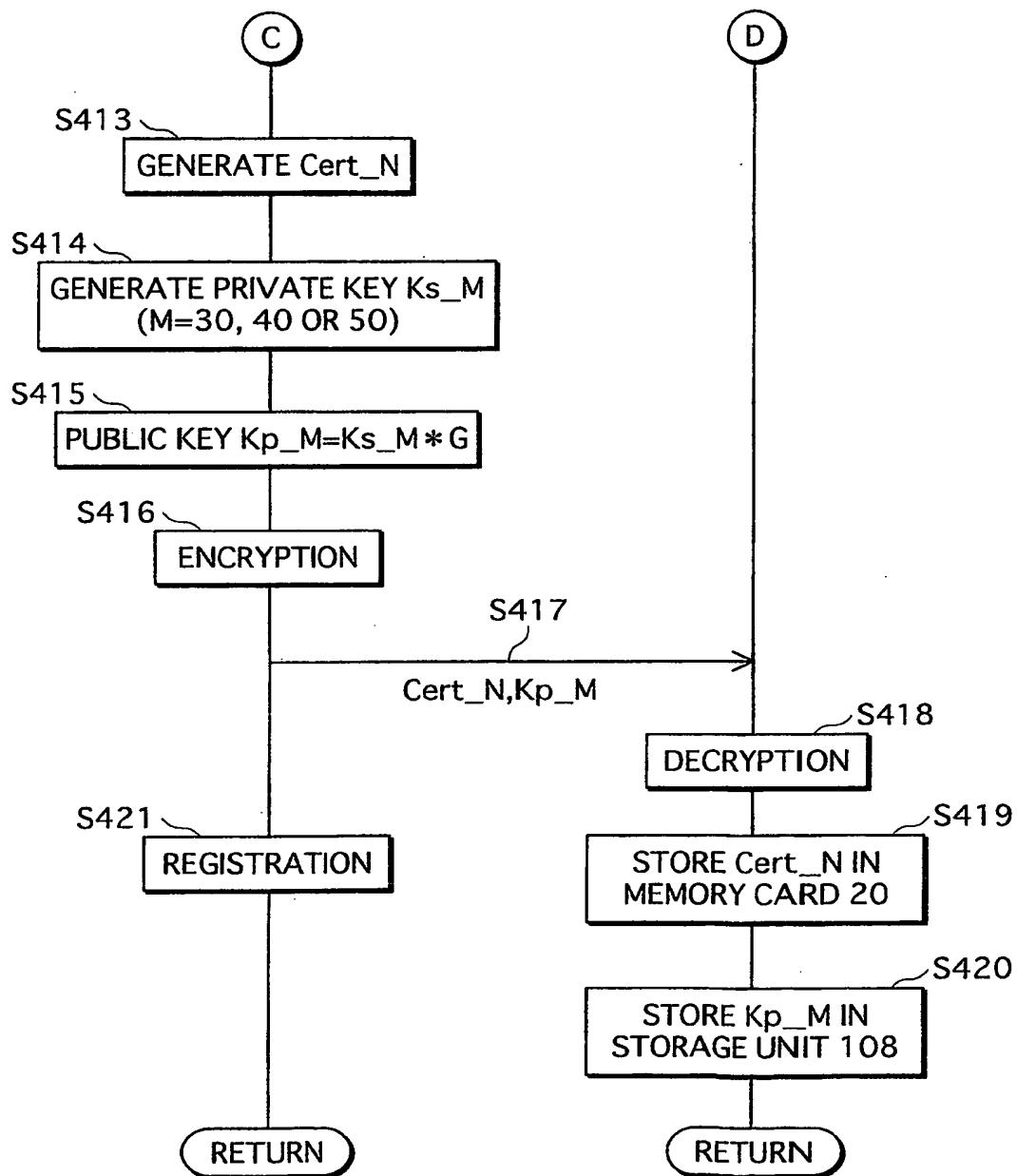


FIG.12A PUBLIC KEY CERTIFICATION ISSUED BY SERVER 30

SERVICE ID	SID_0123A
MEMBERSHIP NUMBER	NO_0001
PUBLIC KEY	PK_A
SIGNATURE DATA	Sig_A

210 Cert_A

FIG.12B PUBLIC KEY CERTIFICATION ISSUED BY SERVER 40

SERVICE ID	SID_0321B
MEMBERSHIP NUMBER	NO_0025
PUBLIC KEY	PK_B
SIGNATURE DATA	Sig_B

220 Cert_B

FIG.12C PUBLIC KEY CERTIFICATION ISSUED BY SERVER 50

SERVICE ID	SID_0132C
MEMBERSHIP NUMBER	NO_3215
PUBLIC KEY	PK_C
SIGNATURE DATA	Sig_C

230 Cert_C

FIG.13

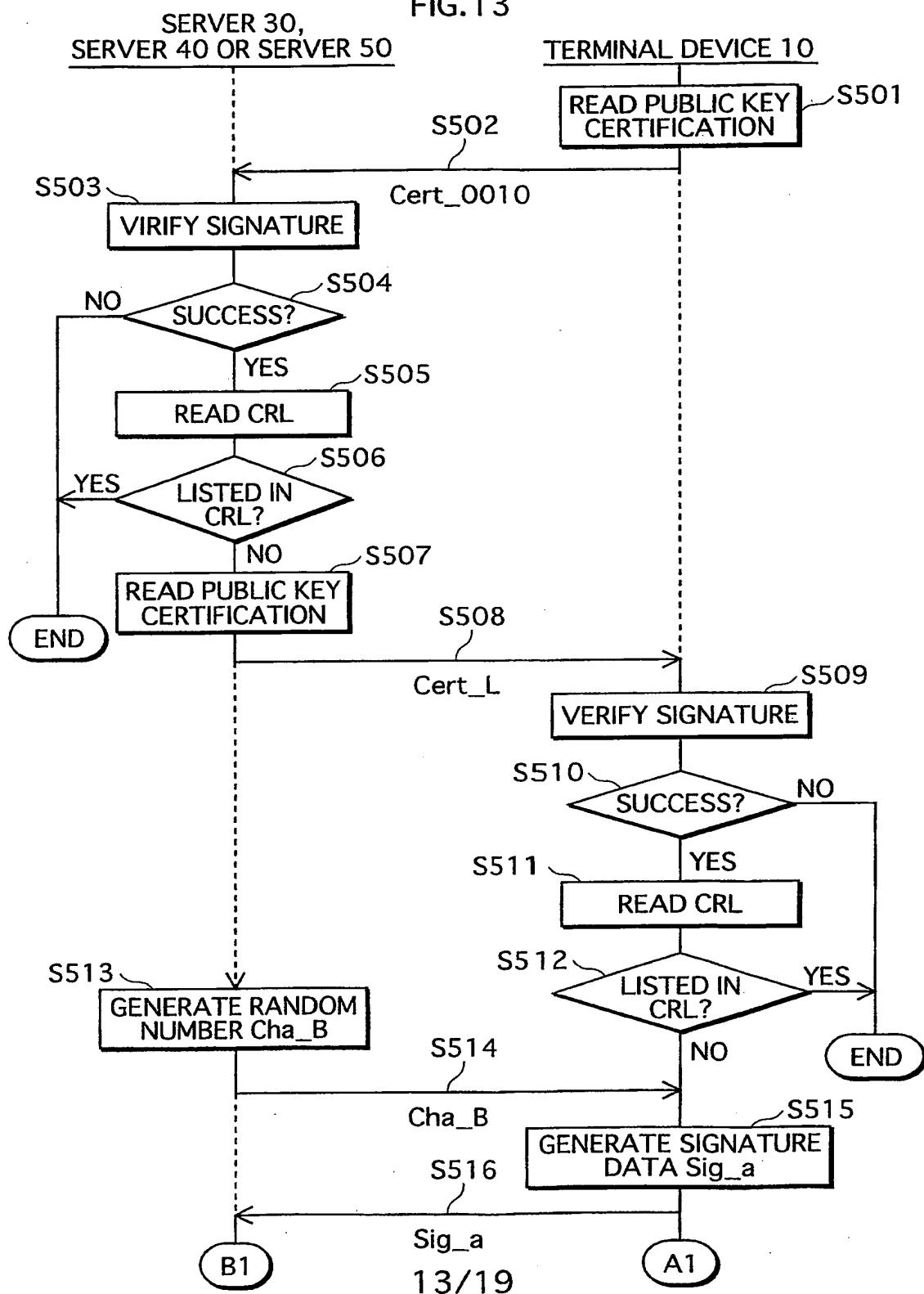


FIG.14

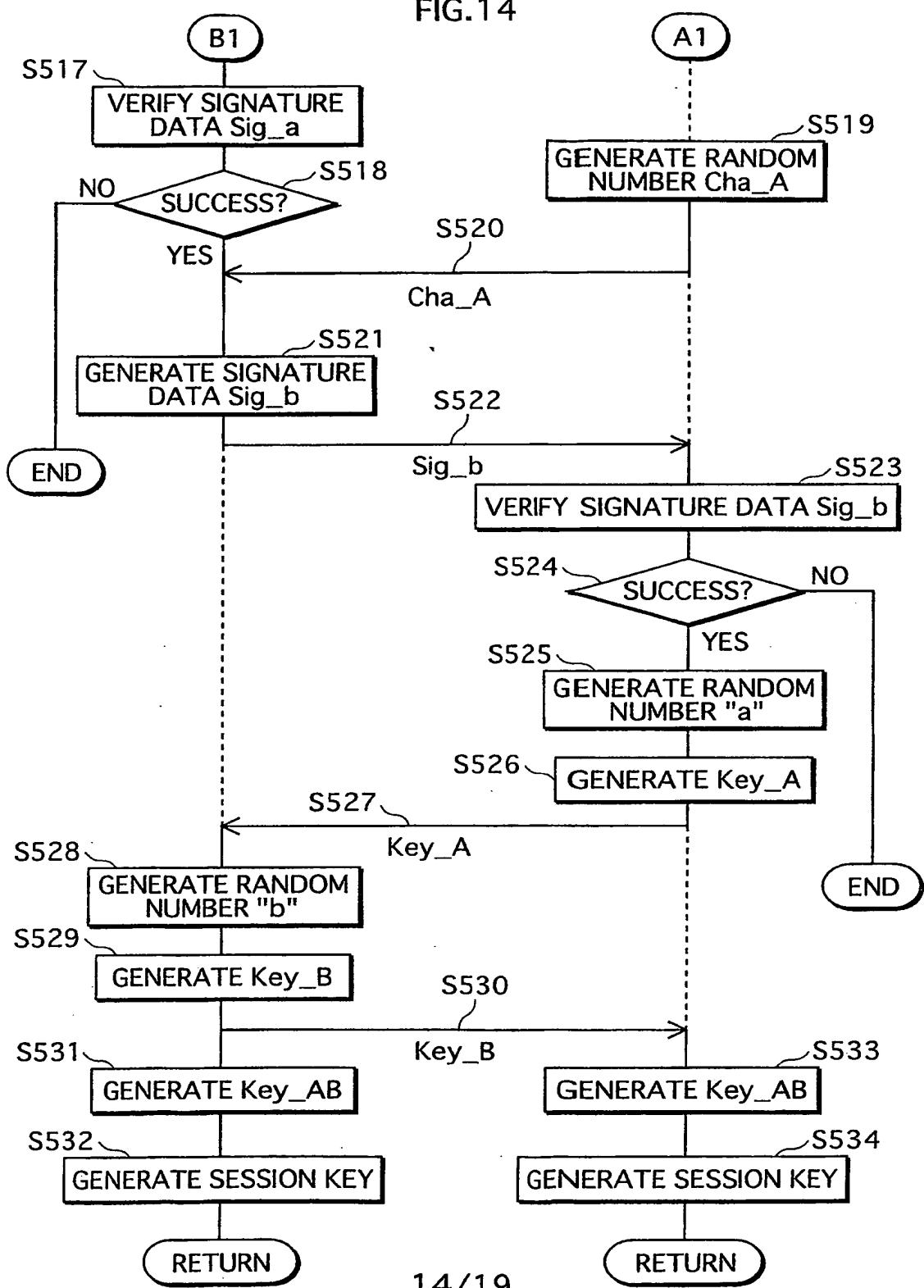


FIG. 15

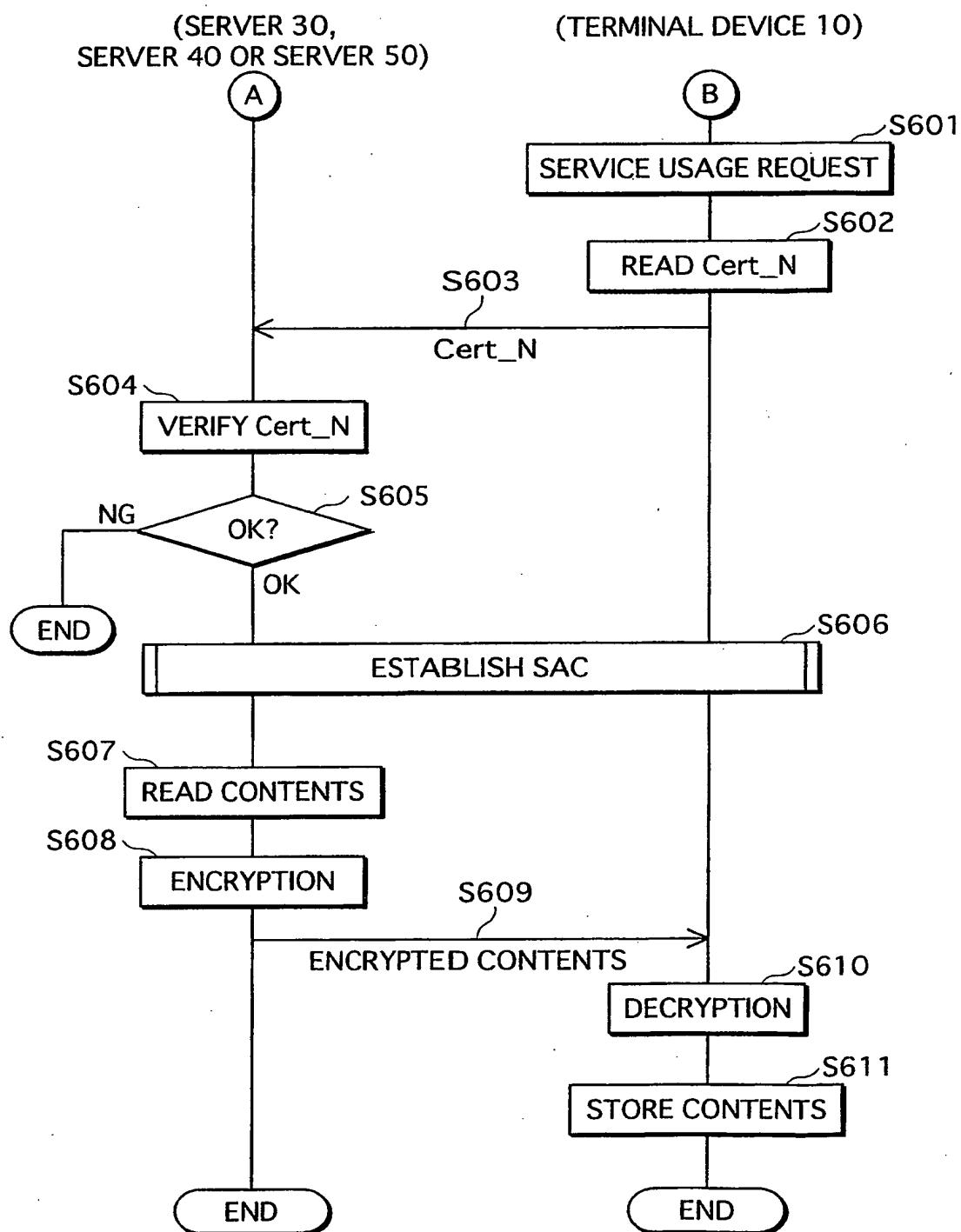


FIG.16

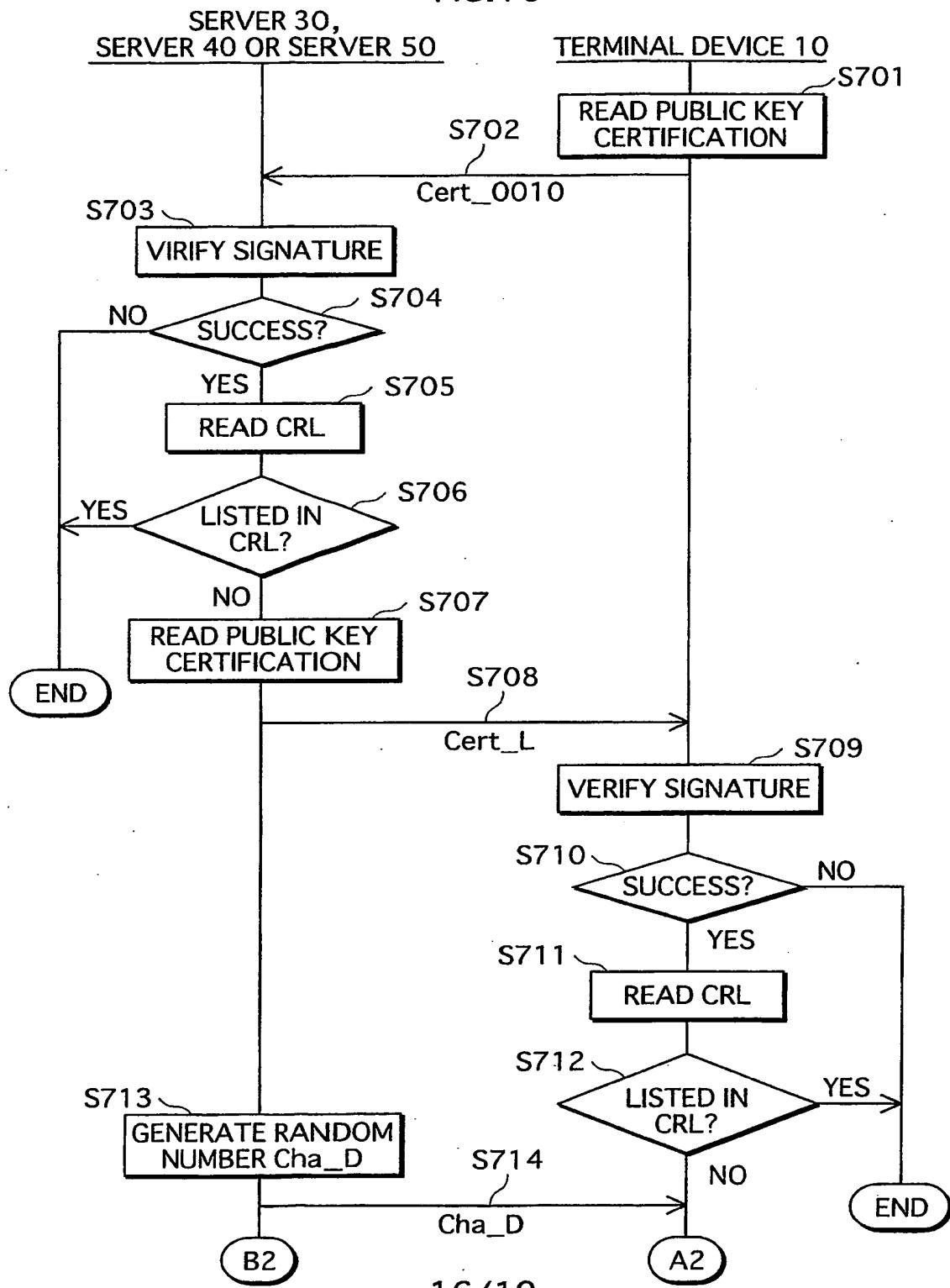


FIG. 17

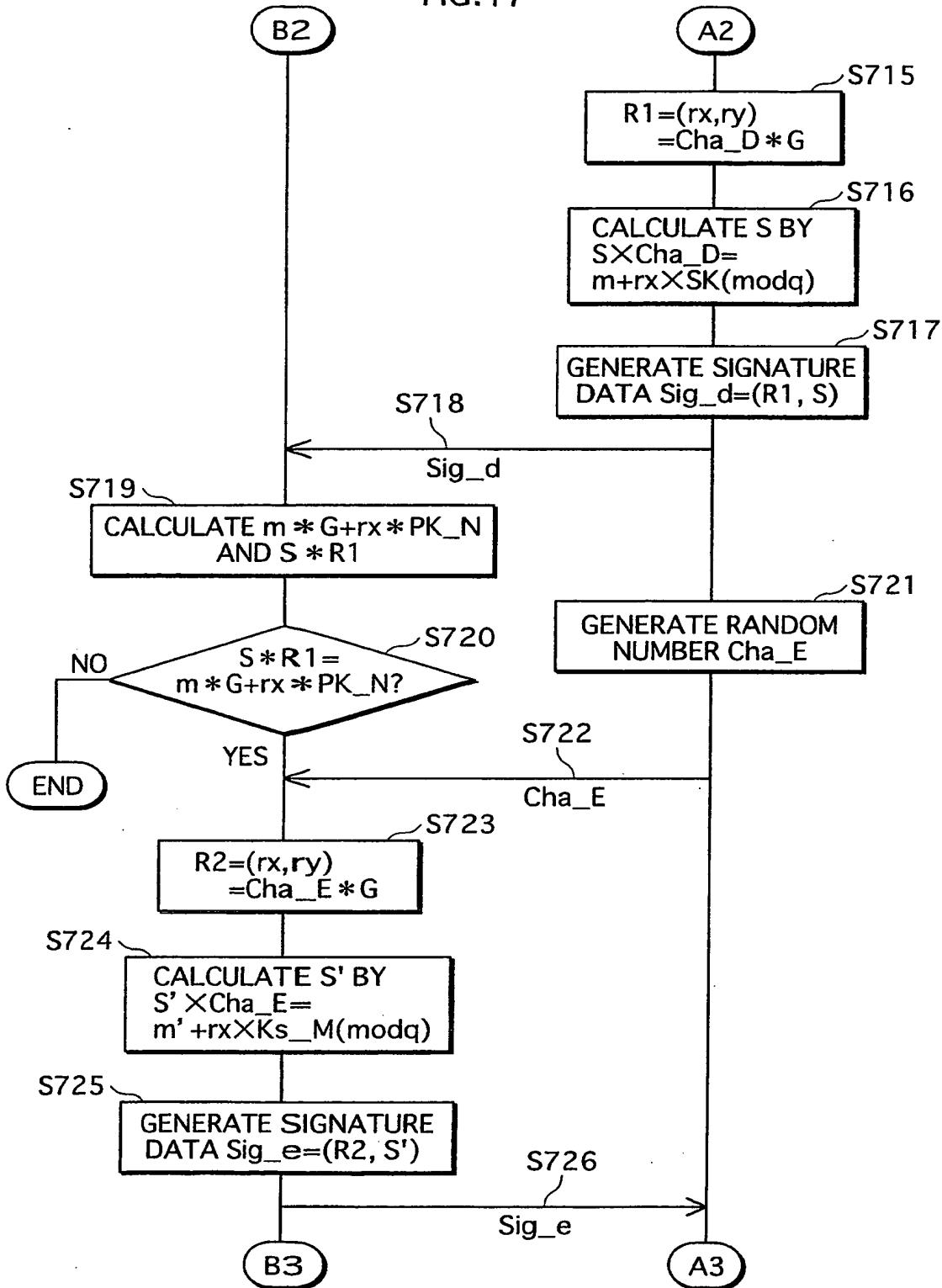


FIG.18

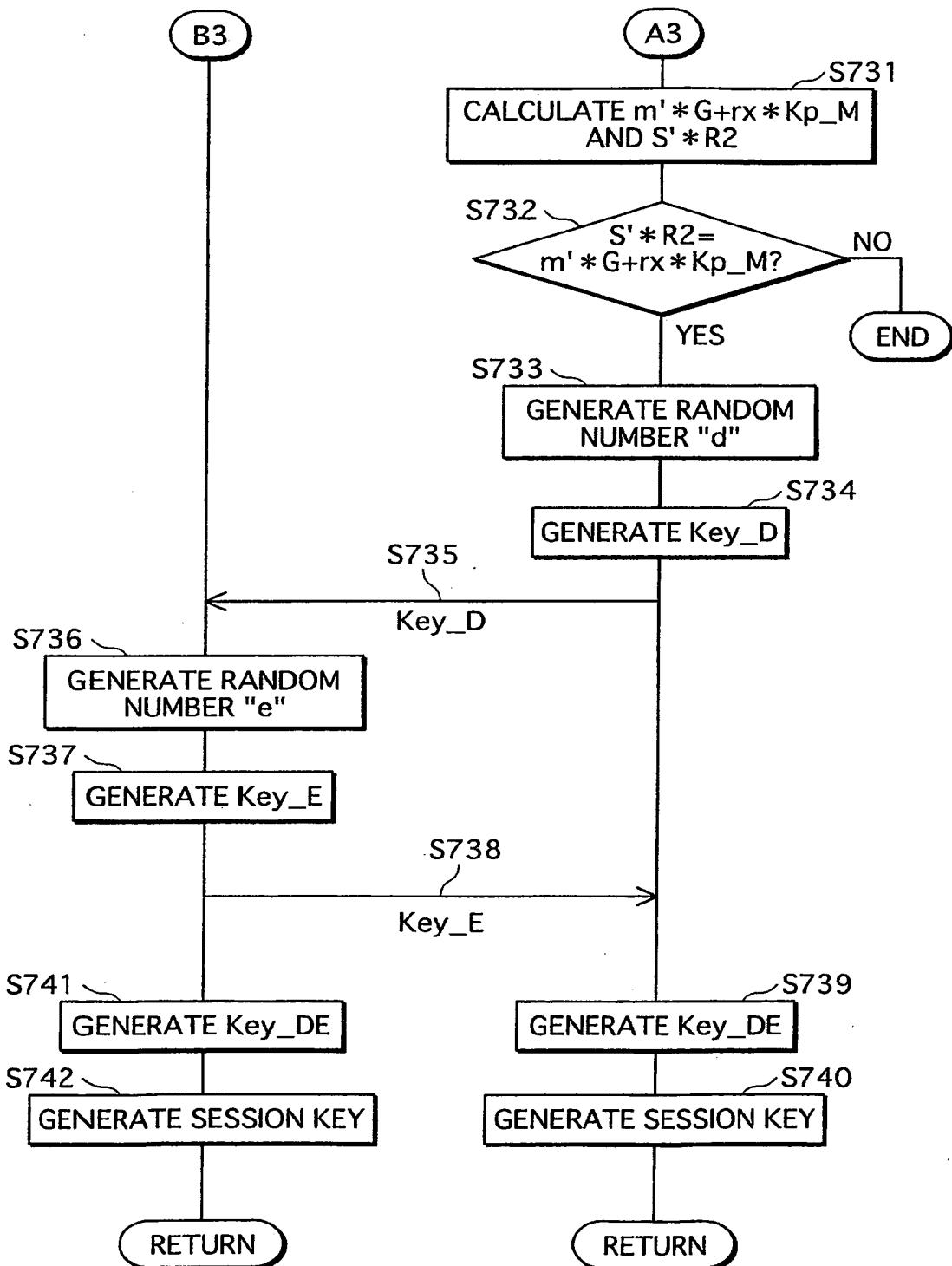


FIG. 19

